

No.

200400110



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

University of Georgia Research Foundation, Inc. (UGARF)
& Florida Agricultural Experiment Station (FAES)

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR USING IT IN PRODUCING A HYBRID OR DISTINCT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 2681, 2682, 2683, 2684, 2685, 2686, 2687, 2688, 2689, 2690, 2691, 2692, 2693, 2694, 2695, 2696, 2697, 2698, 2699, 2700, 2701, 2702, 2703, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2711, 2712, 2713, 2714, 2715, 2716, 2717, 2718, 2719, 2720, 2721, 2722, 2723, 2724, 2725, 2726, 2727, 2728, 2729, 2730, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2739, 2740, 2741, 2742, 2743, 2744, 2745, 2746, 2747, 2748, 2749, 2750, 2751, 2752, 2753, 2754, 2755, 2756, 2757, 2758, 2759, 2760, 2761, 2762, 2763, 2764, 2765, 2766, 2767, 2768, 2769, 2770, 2771, 2772, 2773, 2774, 2775, 2776, 2777, 2778, 2779, 2780, 2781, 2782, 2783, 2784, 2785, 2786, 2787, 2788, 2789, 2790, 2791, 2792, 2793, 2794, 2795, 2796, 2797, 2798, 2799, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2854, 2855, 2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864, 2865, 2866, 2867, 2868, 2869, 2870, 2871, 2872, 2873, 2874, 2875, 2876, 2877, 2878, 2879, 2880, 2881, 2882, 2883, 2884, 2885, 2886, 2887, 2888, 2889, 2890, 2891, 2892, 2893, 2894, 2895, 2896, 2897, 2898, 2899, 2900, 2901, 2902, 2903, 2904, 2905, 2906, 2907, 2908, 2909, 2910, 2911, 2912, 2913, 2914, 2915, 2916, 2917, 2918, 2919, 2920, 2921, 2922, 2923, 2924, 2925, 2926, 2927, 2928, 2929, 2930, 2931, 2932, 2933, 2934, 2935, 2936, 2937, 2938, 2939, 2940, 2941, 2942, 2943, 2944, 2945, 2946, 2947, 2948, 2949, 2950, 2951, 2952, 2953, 2954, 2955, 2956, 2957, 2958, 2959, 2960, 2961, 2962, 2963, 2964, 2965, 2966, 2967, 2968, 2969, 2970, 2971, 2972, 2973, 2974, 2975, 2976, 2977, 2978, 2979, 2980, 2981, 2982, 2983, 2984, 2985, 2986, 2987, 2988, 2989, 2990, 2991, 2992, 2993, 2994, 2995, 2996, 2997, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3035, 3036, 3037, 3038, 3039, 3040, 3041, 3042, 3043, 3044, 3045, 3046, 3047, 3048, 3049, 3050, 3051, 3052, 3053, 3054, 3055, 3056, 3057, 3058, 3059, 3060, 3061, 3062, 3063, 3064, 3065, 3066, 3067, 3068, 3069, 3070, 3071, 3072, 3073, 3074, 3075, 3076, 3077, 3078, 3079, 3080, 3081, 3082, 3083, 3084, 3085, 3086, 3087, 3088,

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF OWNER University of Georgia Research Foundation, Inc. (UGARF) & Florida Agricultural Experiment Station (FAES)		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME GA931241E16		3. VARIETY NAME USG 3592	
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country) Boyd Graduate Studies Research Center 6th Floor D.W. Brooks Drive Athens, GA 30602-7411		5. TELEPHONE (include area code) (706) 542-5944		FOR OFFICIAL USE ONLY PVPO NUMBER 200400110 FILING DATE Feb. 18, 2004	
		6. FAX (include area code) (706) 542-3837			
7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) Corporation (UGARF) and University		8. IF INCORPORATED, GIVE STATE OF INCORPORATION GA		9. DATE OF INCORPORATION November 17, 1978	
10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. (First person listed will receive all papers) University of Georgia Research Foundation, Inc. and Florida Agricultural and Experiment Stations c/o Dr. John Ingle Boyd Graduate Studies Research Center, 6th Floor Athens, GA 30602-7411					
11. TELEPHONE (Include area code) (706) 542-5944		12. FAX (Include area code) (706) 542-3837		13. E-MAIL kmb@ovpr.uga.edu	
14. CROP KIND (Common Name) Wheat (common)		16. FAMILY NAME (Botanical) Triticum aestivum		18. DOES THE VARIETY CONTAIN ANY TRANSGENES? (OPTIONAL) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF SO, PLEASE GIVE THE ASSIGNED USDA-APHIS REFERENCE NUMBER FOR THE APPROVED PETITION TO DEREGULATE THE GENETICALLY MODIFIED PLANT FOR COMMERCIALIZATION.	
15. GENUS AND SPECIES NAME OF CROP Gramineae		17. IS THE VARIETY A FIRST GENERATION HYBRID? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? (See Section 83(a) of the Plant Variety Protection Act) <input type="checkbox"/> YES (If "yes", answer items 21 and 22 below) <input checked="" type="checkbox"/> NO (If "no", go to item 23)	
19. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse) a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of Variety d. <input checked="" type="checkbox"/> Exhibit D. Additional Description of the Variety (Optional) e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Owner's Ownership f. <input checked="" type="checkbox"/> Voucher Sample (2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository) g. <input checked="" type="checkbox"/> Filing and Examination Fee (\$3,652), made payable to "Treasurer of the United States" (Mail to the Plant Variety Protection Office)		21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, WHICH CLASSES? <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED		22. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, SPECIFY THE NUMBER 1,2,3, etc. FOR EACH CLASS. <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED (If additional explanation is necessary, please use the space indicated on the reverse.)	
23. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on reverse.)		24. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. (Please use space indicated on reverse.)			
25. The owners declare that a viable sample of basic seed of the variety has been furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate. The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act. Owner(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.					
SIGNATURE OF OWNER Gordhan L. Patel		SIGNATURE OF OWNER			
NAME (Please print or type) Dr. Gordhan L. Patel		NAME (Please print or type)			
CAPACITY OR TITLE Executive Vice President		DATE 2-11-04		CAPACITY OR TITLE DATE	

(See reverse for instructions and information collection burden statement)

GENERAL: To be effectively filed with the Plant Variety Protection Office (PVPO), **ALL** of the following items must be **received** in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E; (3) for a seed reproduced variety at least 2,500 viable untreated seeds, for a hybrid variety at least 2,500 untreated seeds of each line necessary to **reproduce** the variety, or for tuber reproduced varieties verification that a viable (*in the sense that it will reproduce an entire plant*) tissue culture will be deposited and maintained in an approved public repository; (4) check drawn on a U.S. bank for \$3,652 (\$432 filing fee and \$3,220 examination fee), payable to "Treasurer of the United States" (*See Section 97.6 of the Regulations and Rules of Practice.*) Partial applications will be held in the PVPO for not more than 90 days, then returned to the applicant as unfilled. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. **Retain one copy for your files.** All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. **DO NOT** use masking materials to make corrections. If a certificate is allowed, you will be requested to send a check payable to "Treasurer of the United States" in the amount of \$432 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

Plant Variety Protection Office

Telephone: (301) 504-5518

FAX: (301) 504-5291

Homepage: <http://www.ams.usda.gov/science/pvpo/pvp.htm>

To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority and provide evidence that name has been cleared by the appropriate recognized authority before the Certificate of Protection is issued. For example, for agricultural and vegetable crops, contact: Seed Branch, AMS, USDA, 10301 Baltimore Avenue, Suite 401 NAL Building, Beltsville, MD 20705. Telephone: (301) 504-5682 <http://www.ams.usda.gov/lsg/seed.htm>.

ITEM

- 19a. Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method; (2) the details of subsequent stages of selection and multiplication; (3) evidence of uniformity and stability; and (4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified
- 19b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:
- (1) identify these varieties and state all differences objectively;
 - (2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences; and
 - (3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.
- 19c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.
- 19d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- 19e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.
20. If "Yes" is specified (*seed of this variety be sold by variety name only, as a class of certified seed*), the applicant **MAY NOT** reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. (*See Regulations and Rules of Practice, Section 97.103.*)
23. See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.
24. See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.

22. CONTINUED FROM FRONT (Please provide a statement as to the limitation and sequence of generations that may be certified.)

23. CONTINUED FROM FRONT (Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)

24. CONTINUED FROM FRONT (Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. The fees for filing a change of address; owner's representative; ownership or assignment; or any modification of owner's name is specified in Section 97.175 of the regulations. (*See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.*)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 1.4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, sexual orientation, marital or family status, political beliefs, parental status, or protected genetic information. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call 202-720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

Exhibit A

Origin and Breeding History of USG3592

'USG 3592' (GA931241E16) winter wheat (*Triticum aestivum* L.), was cooperatively developed and released by the Georgia and Florida Agricultural Experiment Stations in 2003. USG 3592 was derived from a single cross, Coker 9134/GA881502. The pedigree of Coker 9134 is Coker 797/Saluda; the pedigree of GA881502 is SWM6525/GA821264//GA801468; SWM6525 is a CIMMYT line that has good Hessian fly resistance; the pedigree of GA821264 is McNair 3271/FL 301/McNair 1003/Coker 916; and the pedigree of GA801468 is Coker 762/GA74-19-1-1.

The cross of USG 3592 was made in the spring of 1993. The F1 was grown during the spring of 1994. The population was advanced from the F2 through F5 generations using the pedigree method of breeding with individual spikes selected for resistance to leaf rust (caused by *Puccinia recondita* (Roberge ex Desmaz), powdery mildew (caused by *Erysiphe graminis* DC. f. sp. *tritici* Em. Marchal), and septoria nodorum blotch (caused by *Stagonospora nodorum* (Berk) Castellani & E.G. Germano). Spikes were harvested, threshed individually and planted in single 1 meter headrows and were advanced to the next generation during the F2:3-, F3:4-, and F4:5-derived lines at Plains, GA. USG 3592 is the F5:derived head row selected and advanced to Breeder Seed which was produced in the F10 generation.

USG 3592 was evaluated as GA931241E16 for agronomic performance in nursery plots in 1999, GA-FL state trials at five locations from 2001 to 2003, and in the Uniform Southern Soft Red Winter Wheat Nursery at 30 locations in 2002 and 2003.

An increase strip of USG 3592 was planted in 2001 from a small increase plot and was rogued thoroughly for aberrant types. Seeds from this increase strip was planted in an increase block (2 acres) of USG 3592 in 2002 at the Foundation Seed Farm and rogued to remove variants. Seed from this large block was used for Breeder Seed for USG 3592 in 2003. USG 3592 has been observed for 3 generations of reproduction and during seed increase period and is stable and uniform. The variant consists of less than 1% awned types, 2/10,000 of taller types, and 1/10,000 late types.

This Breeder seed of USG 3592 was provided to the Georgia Seed Development Commission and will be the source of future seed multiplications. Breeder seed of USG 3592 will be maintained by the Georgia Agricultural Experiment Station, University of Georgia, Georgia Station, Griffin, GA 30223-1797.

Exhibit B

Novelty Statement

USG 3592 is a soft red winter wheat, awnless, and white chaffed. USG 3592 is most similar in appearance to 'Coker 9134'; however, USG 3592 has a white coleoptile and the absent of seedling anthocyanin whereas Coker 9134 has a purple coleoptile and the present of seedling anthocyanin.

U.S. DEPARTMENT OF AGRICULTURE

AGRICULTURAL MARKETING SERVICE

SCIENCE DIVISION

BELTSVILLE, MARYLAND 20705

OBJECTIVE DESCRIPTION OF VARIETY

WHEAT (*Triticum* spp.)

NAME OF APPLICANT(S)

University of Georgia Research Foundation, Inc. & Florida Agricultural Exp. Stns. (FAES)

ADDRESS (Street No. or R.F.D. No, City, state, and Zip Code)

Boyd Graduate Studies Bldg.

University of Georgia

Athens, GA 30602

FOR OFFICIAL USE ONLY

PVPO NUMBER

VARIETY NAME

USG 3592

TEMPORARY OR EXPERIMENTAL
DESIGNATION

PLEASE READ ALL INSTRUCTIONS CAREFULLY: Place the appropriate number that describes the varietal character of this variety in the boxes below. Place a zero in the first box (e.g. or) when number is either 99 or less 9 or less respectively. Data for quantitative plant characters should be based on a minimum of 100 plants. Comparative data should be determined from varieties entered in the same trial. Royal Horticultural Society or any recognized color standard may be used to determine plant colors; designate system used:

Please answer all questions for your variety; lack of response may delay progress of your application.

1. KIND:

1 = Common

2 = Durum

3 = Club

4 = Other (SPECIFY) _____

2. VERNALIZATION:

1 = Spring

2 = Winter

3 = Other (SPECIFY) _____

3. COLEOPTILE ANTHOCYANIN:

1 = Absent

2 = Present

4. JUVENILE PLANT GROWTH:

1 = Prostrate

2 = Semi-erect

3 = Erect

5. PLANT COLOR (boot stage):

1 = Yellow - Green

2 = Green

3 = Blue - Green

6. FLAG LEAF (boot stage):

1 = Erect

2 = Recurved

1 = Not Twisted

2 = Twisted

7. EAR EMERGENCE:

0	2
0	2

Number of Days Earlier Than

Pat

Number of Days Lat

AGS 2000

8. ANTHOR COLOR:

1 = YELLOW

2 = PURPLE

9. PLANT HEIGHT (from soil to top of head, excluding awns):

0	1
0	1

cm Taller Than

AGS 2000

cm Shorter Than

Coker 9663

10. STEM:

- A. ANTHOCYANIN
☐ 1 1 = Absent 2 = Present
- B. WAXY BLOOM
☐ 1 1 = Absent 2 = Present
- C. HAIRINESS (last internode of rachis)
☐ 1 1 = Absent 2 = Present
- D. INTERNODE (SPECIFY NUMBER) _____
☐ 1 1 = Hollow 2 = Semi-solid 3 = Solid
- E. PEDUNCLE
☐ 2 1 = Absent 2 = Present
☐ 20 cm Length

11. HEAD (at Maturity)

- A. DENSITY
☐ 2 1 = Lax 2 = Middense 3 = Dense
- B. SHAPE
☐ 2 1 = Tapering 2 = Strap 3 = Clavate 4 = Other (SPECIFY) _____
- C. CURVATURE
☐ 1 1 = Erect 2 = Inclined 3 = Recurved
- D. AWNEDNESS
☐ 2 1 = Awnless 2 = Apically Awnletted 3 = Awnletted 4 = Awned

12. GLUMES (at Maturity)

- A. COLOR
☐ 1 1 = White 2 = Tan 3 = Other (SPECIFY) _____
- B. SHOULDER
☐ 2 1 = Wanting 2 = Oblique 3 = Rounded 4 = Awned 5 = Elevated 6 = Apiculate
- C. BEAK
☐ 2 1 = Obtuse 2 = Acute 3 = Acuminate
- D. LENGTH
☐ 2 1 = Short (ca. 7mm) 2 = Medium (ca. 8mm) 3 = Long (ca. 9mm)
- E. WIDTH
☐ 3 1 = Narrow (ca. 3mm) 2 = Medium (ca. 3.5mm) 3 = Wide (ca. 4mm)

13. SEED

- A. SHAPE
☐ 2 1 = Ovate 2 = Oval 3 = Elliptical
- B. CHEEK
☐ 1 1 = Rounded 2 = Angular
- C. BRUSH
☐ 1 1 = Short 2 = Medium 3 = Long
☐ 1 1 = Not Collared 2 = Collared
- D. CREASE
☐ 2 1 = Width 60% or less of Kernel
1 = Width 80% or less of Kernel
3 = Width Nearly as Wide as Kernel
☐ 2 1 = Depth 20% or less of Kernel
2 = Depth 35% or less of Kernel
3 = Depth 50% or less of Kernel

13. SEED: (continued)

E. COLOR

☐ 3

1 = White

2 = Amber

3 = Red

4 = Other (SPECIFY) _____

F. TEXTURE

☐ 2

1 = Hard

2 = Soft

G. PHENOL REACTION (see Instructions):

☐ 1

1 = Ivory

2 = Fawn

3 = Light Brown 4 = Dark Brown 5 = Black

14. DISEASE: (0 = Not Tested; 1 - Susceptible; 2 - Resistant; 3 - Intermediate; 4 - Tolerant)

PLEASE INDICATE THE SPECIFIC RACE OR STRAIN TESTED

Stem Rust (*Puccinia graminis* f. sp. *tritici*)☐ 1

TTT, TPMK, RTQQ, QTH

Stripe Rust (*Puccinia striiformis*)☐ 3

Field

Tan Spot (*Pyrenophora tritici-repentis*)☐Halo Spot (*Selenophoma donacis*)☐

Septoria nodorum (Glume Blotch)

☐

Septoria avenae (Speckled Leaf Disease)

☐

Septoria tritici (Speckled Leaf Blotch)

☐Scab (*Fusarium* spp.)☐

"Black Point" (Kernel Smudge)

☐

Barley Yellow Dwarf Virus (BYDV)

☐

Soilborne Mosaic Virus (SBMV)

☐ 2

Field

Wheat Yellow (Spindle Streak) Mosaic Virus

☐

Wheat Streak Mosaic Virus (WSMV)

☐

Other (SPECIFY)

☐

Other (SPECIFY)

☐

Other (SPECIFY)

☐Leaf Rust (*Puccinia recondita* f. sp. *tritici*)☐ 2MBDS, PMML LBBK, KDGJ
CBGJ, TLGJ, SCJDLoose Smut (*Ustilago tritici*)☐Flag Smut (*Urocystis agropyri*)☐Common Bunt (*Tilletia tritici* or *T. laevis*)☐Dwarf Bunt (*Tilletia controversa*)☐Karnal Bunt (*Tilletia indica*)☐Powdery Mildew (*Erysiphegraminis* f. sp. *tritici*)☐ 1

Field

"Snow Molds"

☐Common Root Rot (*Fusarium*, *Cochliobolus* and *Bipolaris* spp.)☐Rhizoctonia Root Rot (*Rhizoctonia solani*)☐Black Chaff (*Xanthomonas campestris* pv. *translucens*)☐Bacterial Leaf Blight (*Pseudomonas syringae* pv. *syringae*)☐

Other (SPECIFY)

☐

Other (SPECIFY)

☐

Other (SPECIFY)

☐

Other (SPECIFY)

☐

200400110

15. INSECT: (0 = Not Tested; 1 - Susceptible; 2 - Resistant; 3 - Intermediate; 4 - Tolerant)
PLEASE SPECIFY BIOTYPE (where needed)

Hessian Fly (*Mayetiola destructor*)

☒ 2

E

Other (SPECIFY)

☐

Stem Sawfly (*Cephus spp.*)

☐ 0

Other (SPECIFY)

☐

Cereal Leaf Beetle (*Oulema melanopa*)

☐ 0

Other (SPECIFY)

☐

Russian Aphid (*Diuraphis noxia*)

☐ 0

Other (SPECIFY)

☐

Greenbug (*Schizaphis graminum*)

☐ 0

Other (SPECIFY)

☐

Aphids

☐ 0

Other (SPECIFY)

☐

16. ADDITIONAL INFORMATION ON ANY ITEM ABOVE, OR GENERAL COMMENTS:

LEAF RUST
MIXED REACTION TO TNRJ

HESSIAN FLY
SUSCEPTIBLE TO BIOTYPES B,C,D & L

Exhibit D

Additional Description of USG 3592

USG 3592 is a common soft red winter wheat, *Triticum aestivum* L. bred and developed by the University of Georgia, Georgia Agricultural Experiment Stations and developed jointly by Jerry W. Johnson and Ron D. Barnett with the University of Florida, Florida Agricultural Experimental Station.

USG 3592 is a medium maturing, high yielding, excellent test weight, awnless wheat with resistance to current races of leaf rust, Puccinia recondita (Roberge ex Desmaz) and resistant to predominant biotype E and susceptible to biotypes (biotype B, C, D, L) of Hessian flies, (Mayetiola destructor (Say), and susceptible to powdery mildew, (Erysiphe graminis DC. f. sp. tritici Em. Marchal) in Georgia. USG 3592 is resistant to leaf rust races, MBDS, PMML, LBBK, KDGJ, CBGJ, TLGJ, and SCJD and mixed reaction to TNRJ.

Milling and baking quality characteristics of USG 3592 are rated as acceptable for soft red winter wheat use by the USDA-Soft Wheat Quality Laboratory, Wooster, OH. Information on the milling and baking quality characteristics is also included in a quality report. Additional information is presented in attachment to the Exhibit.

ATTACHMENT I**APPLICATION FOR APPROVAL OF CULTIVARS X ASSOCIATE CULTIVARS**

(Please check appropriate type of application)

1. Crop: Wheat
2. Experimental no. or name: 931241E16
3. Pedigree and history: Coker 9134/GA881502 (SWM6525/GA821264//GA801468). The final cross was made in the spring of 1993. Individual spike selections were made in the F2 to F5 generations at Griffin, GA. The pedigree method of breeding was used to advance the segregating populations. In 1998, a headrow was harvested for preliminary evaluations. Agronomic evaluations were conducted from 2001 to 2002 in the Small Grain State Performance trials for Georgia. It was evaluated in 2002 in the Uniform Southern Wheat Nursery.
4. Description: 931241E16 is a medium maturing, white chaffed, medium-tall height line. It matures on average 2 days later than AGS 2000 in Georgia. It is resistant to currently predominant races of leaf rust and biotypes of Hessian fly in Georgia and moderately resistant to races of powdery mildew. It is resistant to soil-borne mosaic virus.
5. Station(s) where developed: Griffin Campus
6. Participating scientist(s): Jerry Johnson, Barry Cunfer, G. David Buntin, and Dan Bland
7. In what respect is the new cultivar superior to the cultivar now in use? or reasons for proposing release as an associate cultivar.

GA931241E16 was approved by the Small Grain Commodity Committee for release. This cultivar will be released as a Associate Cultivar. GA931241E16 is a high-yielding (Tables 1,3,4), medium maturing and good test weight (Tables 2,5) cultivar.

It is equal to AGS 2000 and PIO 26R61 in grain yield (Tables 1,3,4).

It is equal to AGS 2000 in test weight (Table 2, 5).

It has better stripe rust (Table 9) and soil-borne mosaic resistance than AGS 2000 (Tables 6, 9).

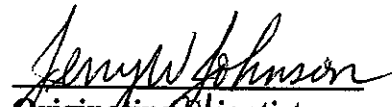
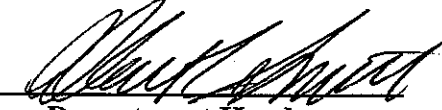

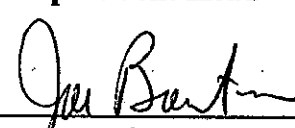
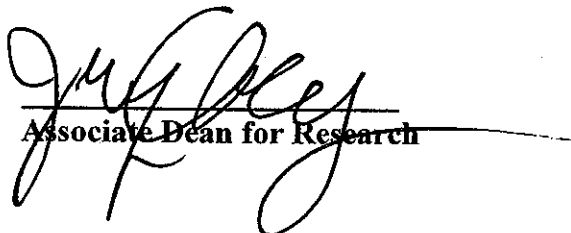
In regional trials, GA931241E16 performed equal to AGS 2000 for grain yield at all 30 locations (Table 7) and within the Mid-South and Atlantic Coast region at 11 locations in 2002 (Table 8). It ranked 2th out of 40 entries in the 2002 regional trial at all locations.

Because of its yielding ability and soil-borne mosaic virus resistance, it will be marketing in the Mid-South and Mid-Atlantic region.

8. Method of propagation: Seed
9. Amount of breeder seed stocks available (if applicable): 40 bu.
10. Amount of foundation seed stocks available (if applicable): 2000 bushel in summer of 2003.
11. Amount of cutting or bud material available for vegetatively propagated material for nursery distribution (if applicable):
12. Is there likely to be unusual difficulty encountered in the production of any class of seed stocks? Explain. No
13. Three suggested names for the cultivar: GA931241E16
14. Name approved by plant cultivar and germplasm release committee: GA931241E16
15. Form of intellectual property protection: Plant Variety Protection
16. Is a royalty assessment recommended: ☒ Yes ☐ No

931241E16

RECOMMENDED BY:

- A. 
Originating Scientist
- B. 
Department Head
- C. 
Assistant Dean
- D. 
Chairperson, GAES Plant Cultivar
and Germplasm Release Committee
- E. 
Associate Dean for Research

APPROVED:



Dean and Director
College of Agricultural & Environmental Sciences

Table 1. Average yield (Bu/A) performance of 931241E16 and check cultivars in Elite Wheat Trials 2000.

Entry	Location				Average
	Griffin	Plains	Calhoun	Midville	
931241E16	95	113	82	102	98a
AGS 2000	98	116	83	107	101a

Table 2. Performance of 931241E16 and check cultivars in Elite Wheat Trials at Plains, 2000.

Entry	Test Wt. (lbs/bu)	Date Headed	Height (in)
931241E16	61.0a	3/31	38
AGS 2000	60.2a	3/26	38

Table 3. Average Yield Performance of 931241E16 and check cultivars in Georgia Performance Trials for 2-Yr Average (2001-2002).

Entry	South	North	State
931241E16	71.6a	60.4a	67.1a
AGS 2000	71.4a	64.7a	68.7a
PIO 26R61	72.2a	63.6a	68.7a

Table 4. Average yield (Bu/A) performance of 931241E16 and check cultivars in Georgia Performance Trials at five locations 2-Yr (2001-2002).

Entry	Location							Average
	Tifton	Plains	Midville	South	Griffin	Calhoun	North	
931241E16	79.4	73.8	62.5	71.6a	87.0	34.1	60.4a	67.1a
AGS 2000	77.3	69.9	67.0	71.4a	81.3	48.1	64.7a	68.7a
PIO26R61	76.9	75.0	64.6	72.2a	85.5	41.6	63.6a	68.7a

Table 5. Performance of 931241E16 and check cultivars in State Performance Trials for 2-Yr average (2001-2002).

Entry	Test Wt. (lbs/bu)	Date Headed	Height (in)
931241E16	55.5a	4/7	41
AGS 2000	54.8a	4/5	39
PIO26R61	55.6a	4/7	39

Table 6. Average performance of 931241E16 and check cultivars in State Performance Trials for 2002.

Entry	Leaf Rust %	Hessian Fly %	Virus* 0-9
931241E16	30b	2.2a	1c
AGS 2000	10c	12.2a	9a
PIO 26R61	80a	0.0a	5b

*Soil-borne mosaic, 0 resistant and 9 susceptible

Table 7. Average performance of 931241E16 and check cultivars in the Uniform Southern Soft Red Winter Wheat Nursery (30 Locations*), 2002.

Entry	Yield, bu/a		Test Wt Lbs/Bu	Date Headed	Height inches	Lodging 0-9
	All	Region				
931241E16	63	62	58.1	117	36	2.7
AGS 2000	62	61	57.2	114	34	2.6
P 26R61	57	56	58.9	115	35	1.6

* States and (Number of Locations) tested: Arkansas (3), Florida (2), Georgia (2), Kansas (2), Kentucky (1), Louisiana (1), Maryland (1), Missouri (1), Mississippi (1), Tennessee (1), Texas (2), Virginia (2).

Table 8. Average performance of 931241E16 and check cultivars in the Uniform Southern Soft Red Winter Wheat Nursery in Mid-South and Mid-Atlantic at 11 Locations, 2002.

Entry	Yield, Bu/A											Average
	K	D	AL	KY	MS	TN	OH	LA	SC	VA	DE	
931241E16	65	67	61	62	63	42	71	77	63	102	85	68.9
AGS 2000	65	71	52	62	72	36	66	79	58	94	79	66.7
P 26R61	61	73	50	57	65	34	62	70	55	82	63	61.0
LSD (5%)	11	9	9	11	11	12	9	9	8	7	7	6.8

K= Keiser, AR

D= DeWitt, AR

Table 9. Performance of 931241E16 and check cultivars in Uniform Southern Wheat Performance Trials for 2002.

Entry	Stripe Rust %		Viruses*
	AR	WA	0-9 AR
931241E16	5b	20b	3.7b
AGS 2000	37a	60a	7.0a
PIO 26R61	0b	0b	0.0c

*Soil-borne mosaic, 0 resistant and 9 susceptible

YIELD (bu/acre)

ENTRY MEANS
ALL LOCATIONSENTRY MEANS
IN-REGION
aENTRY MEANS
CV <10%
b

		rank		rank		rank	
1	Coker 9663	69.2	10	66.2	13	71.9	30
2	AGS 2000	70.1	8	66.6	10	77.1	12
3	USG 3209	68.5	14	66.9	8	76.2	14
4	Pioneer 26R61	67.6	17	64.3	24	76.4	13
5	SC 960057	58.8	37	55.9	37	66.9	37
6	G/F 931241E16	69.2	11	68.1	5	78.7	6
7	G/F 93052E42	66.4	26	65.5	18	74.3	23
8	F/G 931470E62	63.5	34	63.1	29	72.0	29
9	F/G 931233E17	67.6	18	66.0	14	75.2	18
10	AR 910-9-1	70.5	6	67.5	7	77.6	8
11	NC 98-26143	64.5	32	61.4	34	68.5	35
12	NC 99-13022	66.6	25	64.4	22	77.1	11
13	NC 98-24182	67.1	21	64.7	21	74.7	22
14	VA 00W-526	73.0	2	70.9	1	80.2	3
15	VA 98W-335	65.2	30	61.9	33	72.0	28
16	VAN98W-342	67.2	20	64.4	23	70.6	32
17	VA98W-631	72.5	3	69.3	3	80.2	2
18	LA 9330D11-1	65.2	29	63.7	28	70.4	33
19	LA 9560CA22-1	72.1	4	69.4	2	77.6	7
20	AW D99-5261	70.3	7	66.6	11	80.5	1
21	AW/L96*9266-1	71.1	5	67.6	6	79.0	4
22	AW D99*5725	68.2	16	66.6	12	75.8	15
23	AW M96*3978-4	65.7	28	63.1	30	75.0	21
24	AR 93035-4-1	68.5	15	66.0	15	77.3	10
25	G/F 94261E7	66.3	27	65.0	19	77.4	9
26	G 96195	64.5	33	62.3	32	74.3	24
27	G 96226	68.9	13	65.8	17	75.1	19
28	G 19844	67.5	19	64.9	20	75.0	20
29	F/G 931630E48	64.9	31	62.7	31	73.5	25
30	MO 002001	62.5	35	59.1	35	67.9	36
31	SC 980890	59.9	36	57.9	36	70.1	34
32	B 980582	73.1	1	68.5	4	78.8	5
33	B 980696	66.6	24	63.8	27	75.7	16
34	B 980954	69.9	9	66.6	9	75.3	17
35	B 980416	69.0	12	65.9	16	73.2	26
36	MD 71-5	66.6	23	64.0	25	70.8	31
37	TX 00D1626	66.6	22	63.9	26	72.7	27

LOCATION MEANS

LSD (.05)

CV %

REPS

Harvest Plot Size (sq.ft.)

TEST WEIGHT (lbs/bu)

	Prosper TX	Blacksburg VA	Warsaw VA	ENTRY MEANS ALL LOCATIONS	rank
1 Coker 9663	56.9	53.5	57.2	56.3	14
2 AGS 2000	56.9	51.0	58.0	56.2	17
3 USG 3209	58.4	45.0	54.2	54.8	29
4 Pioneer 26R61	60.0	50.2	60.0	56.8	9
5 SC 960057	49.6	43.9	51.9	50.9	37
6 G/F 931241E16	58.6	51.1	59.6	56.2	16
7 G/F 93052E42	58.6	52.6	59.3	55.2	27
8 F/G 931470E62	60.0	48.3	58.7	56.7	10
9 F/G 931233E17	59.2	51.2	59.5	56.4	13
10 AR 910-9-1	57.9	51.5	57.0	55.8	19
11 NC 98-26143	53.3	45.6	55.7	52.9	36
12 NC 99-13022	57.0	49.5	57.2	54.6	31
13 NC 98-24182	58.6	54.3	59.7	57.3	5
14 VA 00W-526	58.7	52.3	57.5	56.5	12
15 VA 98W-335	56.9	52.8	58.2	55.5	22
16 VAN98W-342	56.8	53.1	59.0	55.3	25
17 VA98W-631	56.1	49.1	56.4	53.2	35
18 LA 9330D11-1	58.8	54.8	59.3	57.0	7
19 LA 9560CA22-1	59.1	56.3	60.9	58.2	1
20 AW D99-5261	55.0	47.1	53.9	53.3	34
21 AW L96*9266-1	58.2	51.0	58.3	56.6	11
22 AW D99*5725	57.6	49.8	55.0	54.8	28
23 AW M96*3978-4	56.1	48.5	56.5	55.5	21
24 AR 93035-4-1	59.4	49.3	58.5	56.3	15
25 G/F 94261E7	58.4	51.0	57.8	55.3	24
26 G 96195	57.0	45.7	53.0	54.4	32
27 G 96226	58.4	54.0	58.2	56.9	8
28 G 19844	57.5	52.4	59.0	57.4	4
29 F/G 931630E48	59.3	52.4	58.5	57.1	6
30 MO 002001	56.6	51.0	58.3	56.1	18
31 SC 980890	57.2	47.4	56.6	54.4	33
32 B 980582	58.3	55.8	50.5	57.8	2
33 B 980696	59.4	54.7	60.1	57.7	3
34 B 980954	55.4	53.2	57.8	55.4	23
35 B 980416	56.7	52.1	56.4	55.6	20
36 MD 71-5	56.2	51.6	58.1	54.7	30
37 TX 00D1626	57.8	50.7	57.0	55.3	26
LOCATION MEANS	57.5	50.9	57.4		

HEADING DATE (Julian)

ENTRY MEANS
ALL LOCATIONS

			rank
1	Coker 9663	117.6	21
2	AGS 2000	116.6	12
3	USG 3209	116.0	8
4	Pioneer 26R61	117.0	15
5	SC 960057	121.2	36
6	G/F 931241E16	118.4	27
7	G/F 93052E42	114.7	3
8	F/G 931470E62	115.6	7
9	F/G 931233E17	116.7	13
10	AR 910-9-1	117.0	14
11	NC 98-26143	119.4	33
12	NC 99-13022	117.3	18
13	NC 98-24182	115.6	6
14	VA 00W-526	118.0	24
15	VA 98W-335	119.4	34
16	VAN98W-342	117.4	20
17	VA98W-631	118.1	25
18	LA 9330D11-1	114.9	4
19	LA 9560CA22-1	117.7	22
20	AW D99-5261	119.1	31
21	AWL96*9266-1	117.1	17
22	AW D99*5725	116.5	11
23	AW M96*3978-4	117.7	23
24	AR 93035-4-1	119.0	30
25	G/F 94261E7	116.3	10
26	G 96195	119.0	29
27	G 96226	117.0	16
28	G 19844	121.4	37
29	F/G 931630E48	113.7	1
30	MO 002001	118.3	26
31	SC 980890	114.7	2
32	B 980582	115.4	5
33	B 980696	121.0	35
34	B 980954	119.0	28
35	B 980416	119.2	32
36	MD 71-5	117.3	19
37	TX 00D1626	116.0	9

LOCATION MEANS

HEADING DATE (Julian)

ENTRY MEANS ALL LOCATIONS

			rank
1	Coker 9663	117.6	21
2	AGS 2000	116.6	12
3	USG 3209	116.0	8
4	Pioneer 26R61	117.0	15
5	SC 960057	121.2	36
6	G/F 931241E16	118.4	27
7	G/F 93052E42	114.7	3
8	F/G 931470E62	115.6	7
9	F/G 931233E17	116.7	13
10	AR 910-9-1	117.0	14
11	NC 98-26143	119.4	33
12	NC 99-13022	117.3	18
13	NC 98-24182	115.6	6
14	VA 00W-526	118.0	24
15	VA 98W-335	119.4	34
16	VAN98W-342	117.4	20
17	VA98W-631	118.1	25
18	LA 9330D11-1	114.9	4
19	LA 9560CA22-1	117.7	22
20	AW D99-5261	119.1	31
21	AW L96-9266-1	117.1	17
22	AW D99-5725	116.5	11
23	AW M96-3978-4	117.7	23
24	AR 93035-4-1	119.0	30
25	G/F 94261E7	116.3	10
26	G 96195	119.0	29
27	G 96226	117.0	16
28	G 19844	121.4	37
29	F/G 931630E48	113.7	1
30	MO 002001	118.3	26
31	SC 980890	114.7	2
32	B 980582	115.4	5
33	B 980696	121.0	35
34	B 980954	119.0	28
35	B 980416	119.2	32
36	MD 71-5	117.3	19
37	TX 00D1626	116.0	9

LOCATION MEANS

HEIGHT (inches)

ENTRY MEANS
ALL LOCATIONS

			rank
1	Coker 9663	39.0	2
2	AGS 2000	36.0	16
3	USG 3209	32.3	31
4	Pioneer 26R61	36.4	13
5	SC 960057	38.0	6
6	G/F 931241E16	36.8	10
7	G/F 93052E42	33.6	25
8	F/G 931470E62	31.9	32
9	F/G 931233E17	36.5	12
10	AR 910-9-1	37.9	6
11	NC 98-26143	36.9	9
12	NC 99-13022	32.3	30
13	NC 98-24182	30.5	37
14	VA 00W-526	31.4	33
15	VA 98W-335	30.6	35
16	VAN98W-342	30.6	36
17	VA98W-631	33.5	26
18	LA 9330D11-1	33.4	27
19	LA 9560CA22-1	38.1	4
20	AW D99-5261	34.0	23
21	AW L96*9266-1	36.0	15
22	AW D99*5725	35.3	19
23	AW M96*3978-4	35.3	18
24	AR 93035-4-1	35.1	21
25	G/F 94261E7	33.9	24
26	G 96195	37.8	7
27	G 96226	35.1	20
28	G 19844	35.6	17
29	F/G 931630E48	34.6	22
30	MO 002001	36.5	11
31	SC 980890	38.6	3
32	B 980582	37.2	8
33	B 980696	36.2	14
34	B 980954	39.8	1
35	B 980416	33.2	28
36	MD 71-5	30.8	34
37	TX 00D1626	32.7	29

LOCATION MEANS

LEAF RUST

St. Paul

MN

Reactions produced by NA Race*

Postulated

	MBDS	PMML	LBBK	KDGJ	CBGJ	TNRJ	TLGJ	SCJD	Genes***
1 Coker 9663						3	3		2a, 9, 10, 11
2 AGS 2000	;lc	;lc	;lc					3	11, 26, +
3 USC 3209			;lc				-3	3	11, 26, +
4 Pioneer 26R61		;lc	;lc					;lc	+
5 SC 960057			;lc	lc2		3	3	3	11, 26, +
6 G/F 931241E16						;lc			+
7 G/F 93052E42	0	;lc							+
8 F/G 931470E62		-3				3	3		9, +
9 F/G 931236E17			3	;lc	;lc			;lc	+
10 AR 910-9-1	-		-3	2c					+
11 NC 98-26143				3		-3			24, +
12 NC 99-13022				3		3			24
13 NC 98-24182						3	3		9, 11, +
14 VA 00W-526			-3	3	3-	3	-3	3	11, +
15 VA 98W-335									+
16 VAN98W-342		;l				-			+
17 VA98W-631	3	;lc		;lc	;lc		;lc		10, 17, +
18 LA 9330D11-1									+
19 LA 9560CA22-1									+
20 AW D99-5261	3		3	12		;l		3	17, +
21 AW L96-9266-1									+
22 AW D99-5725	;l	;lc		3	3		2		11, +
23 AW M96-3978-4	;lc		;lc				lc2	3	11, 26, +
24 AR 93035-4-1	2c	3		-3	lc2	3	3, 1c		9, +
25 G/F 94261E7				3-		3-			+
26 G 96195	3	-	3				3	3	+
27 G 96226	3		3		3		3	3	10, +
28 G 19844				3-		3	-3	3	+
29 F/G 931630E48						;lc			+
30 MO 002001		;lc					;lc		+
31 SC 980890									+
32 B 980582						3		;lc	9, 24, +
33 B 980696	3	;lc		;lc	3-	;lc			+
34 B 980954									+
35 B 980416	;lc3								+
36 MD 71-5									+
37 TX 00D1626				;lc		;lc		3	11, 26, +

*Single genes tested: = 1, 2a, 2c, 3, 3Ka, 9, 10, 11, 14a, 16, 17, 18, 24, 26, 30, B

**Virulence formula:

MBDS=1, 3, 10, 14a, 17, B

CBGJ=3, 10, 11, 14a

PMML=1, 2c, 3, 3Ka, 9, 26, 30, B

TNRJ=1, 2a, 2c, 3, 3Ka, 9, 10, 11, 14a, 24, 30

LBBK=1, 10, 14a, 18

TLGJ=1, 2a, 2c, 3, 9, 10, 11, 14a

KDGJ=2a, 2c, 3, 10, 11, 14a, 24

SCJD=1, 2a, 2c, 11, 14a, 17, 26

***+=Lr gene(s) present but unable to identify with these Lr virulence combinations

HESSIAN FLY

W. Lafayette
IN

	Biotype B	Biotype C	Biotype D	Biotype E	Biotype L
1 Coker 9663	12 - 2	12 - 3	10 - 5	7 - 10	0 - 19
2 AGS 2000	0 - 16	1 - 17	0 - 18	8 - 11	2 - 16
3 USG 3209	17 - 2	0 - 23	0 - 19	15 - 0	0 - 18
4 Pioneer 26R61	0 - 15	0 - 19	0 - 17	16 - 0	0 - 16
5 SC 960057	16 - 2	0 - 13	0 - 16	18 - 0	0 - 20
6 G/F 931241E16	0 - 17	0 - 19	0 - 18	18 - 3	0 - 22
7 G/F 93052E42	0 - 14	4 - 13	0 - 18	0 - 15	0 - 15
8 F/G 931470E62	3 - 15	6 - 17	4 - 18	0 - 19	0 - 18
9 F/G 931233E17	0 - 22	0 - 20	0 - 28	0 - 21	0 - 22
10 AR 910-9-1	0 - 19	0 - 18	0 - 19	0 - 20	0 - 20
11 NC 98-26143	0 - 16	21 - 2	0 - 22	0 - 20	0 - 19
12 NC 99-13022	0 - 17	0 - 14	0 - 15	0 - 16	0 - 12
13 NC 98-24182	0 - 13	0 - 23	0 - 23	15 - 6	0 - 11
14 VA 00W-526	0 - 17	0 - 25	0 - 19	0 - 19	0 - 19
15 VA 98W-335	0 - 18	13 - 4	0 - 16	0 - 17	0 - 19
16 VAN98W-342	0 - 18	3 - 16	0 - 19	0 - 16	0 - 21
17 VA98W-631	0 - 18	18 - 2	0 - 19	0 - 15	0 - 18
18 LA 9330D11-1	0 - 12	0 - 30	0 - 18	0 - 15	0 - 17
19 LA 9560CA22-1	0 - 16	5 - 10	2 - 17	15 - 2	0 - 18
20 AW D99-5261	0 - 16	0 - 21	0 - 19	0 - 22	0 - 23
21 AW L96*9266-1	0 - 18	0 - 23	0 - 18	17 - 3	0 - 22
22 AW D99*5725	0 - 16	0 - 25	0 - 21	0 - 22	0 - 16
23 AW M96*3978-4	0 - 16	0 - 22	0 - 13	0 - 24	0 - 16
24 AR 93035-4-1	0 - 16	0 - 25	0 - 17	5 - 18	0 - 19
25 G/F 94261E7	0 - 17	3 - 17	0 - 16	0 - 25	0 - 20
26 G 96195	8 - 4	0 - 21	5 - 10	20 - 1	0 - 19
27 G 96226	0 - 19	3 - 9	0 - 14	12 - 8	0 - 14
28 G 19844	11 - 5	1 - 19	0 - 24	3 - 22	0 - 21
29 F/G 931630E48	0 - 15	0 - 20	0 - 21	4 - 19	0 - 24
30 MO 002001	7 - 5	7 - 13	1 - 17	19 - 5	0 - 19
31 SC 980890	20 - 1	3 - 21	17 - 0	14 - 0	25 - 0
32 B 980582	0 - 19	0 - 19	0 - 21	0 - 16	0 - 22
33 B 980696	0 - 16	8 - 14	0 - 19	0 - 20	0 - 17
34 B 980954	0 - 21	0 - 21	0 - 22	0 - 18	0 - 20
35 B 980416	5 - 6	13 - 2	11 - 9	18 - 3	0 - 18
36 MD 71-5	0 - 17	2 - 20	0 - 12	0 - 16	0 - 19
37 TX 00D1626	18 - 0	0 - 24	0 - 25	25 - 0	0 - 23

ADVANCED NURSERY EVALUATION FOR SOFT WHEAT MILLING AND BAKING QUALITY

REGION 1: INTERIOR (Bay, AR; Stuttgart, AR;
Belle Mina, AL.; Knoxville, TN; Warsaw, VA)

LAB NO.	STD=2502, AGS 2000		MILLING QUALITY SCORE		BAKING QUALITY SCORE		TEST WT. SCORE		SOFT. EQUIV. SCORE	
****	STANDARD		85.9	A	62.4	C	79.7	B	63.1	C
2501	1	Coker 9663	75.3	B	59.4	D	70.7	B	47.5	E
2502	2	AGS 2000	85.9	A	62.4	C	79.7	B	63.1	C
2503	3	USG 3209	70.2	B	57.7	D	70.7	B	56.5	D
2504	4	Pioneer 26R61	76.1	B	56.2	D	86.4	A	52.7	D
2505	5	SC 960057	83.5	A	64.7	C	55.8	D	49.2	E
2506	6	G/F 931241E16	77.8	B	71.9	B	79.2	B	68.9	C
2507	7	G/F 93052E42	78.0	B	73.4	B	74.6	B	58.6	D
2508	8	F/G 931470E62	77.1	B	73.7	B	84.8	A	54.8	D
2509	9	F/G 931233E17	75.7	B	50.7	D	78.8	B	61.2	C
2510	10	AR 910-9-1	82.7	A	66.6	C	66.7	C	58.0	D
2511	11	NC 98-26143	79.7	B	58.1	D	63.1	C	67.4	C
2512	12	NC 99-13022	75.3	B	52.9	D	72.8	B	53.6	D
2513	13	NC 98-24182	81.2	A	67.9	C	77.2	B	62.7	C
2514	14	VA 00W-526	79.8	B	65.4	C	76.0	B	44.0	E
2515	15	VA 98W-335	75.4	B	63.7	C	75.8	B	68.2	C
2516	16	VAN98W-342	76.5	B	48.9	E	68.2	C	67.4	C
2517	17	VA98W-631	76.0	B	56.4	D	60.1	C	53.6	D
2518	18	LA 9330D11-1	78.5	B	55.9	D	80.6	A	52.6	D
2519	19	LA 9560CA22-1	79.2	B	64.4	C	89.7	A	49.4	E
2520	20	AW D99-5261	74.5	B	78.2	B	63.5	C	73.3	B
2521	21	AW L96*9266-1	76.9	B	55.9	D	72.9	B	65.6	C
2522	22	AW D99*5725	72.1	B	57.9	D	60.8	C	54.4	D
2523	23	AW M96*3978-4	81.4	A	75.7	B	71.5	B	66.1	C
2524	24	AR 93035-4-1	87.0	A	28.2	F	76.9	B	27.4	F
2525	25	G/F 94261E7	77.4	B	69.2	C	70.7	B	62.4	C
2526	26	G 96195	80.3	A	75.4	B	64.5	C	65.4	C
2527	27	G 96226	73.6	B	70.6	B	75.2	B	51.3	D
2528	28	G 19844	79.9	B	73.7	B	84.8	A	59.8	D
2529	29	F/G 931630E48	74.1	B	50.9	D	76.9	B	48.9	E
2530	30	MO 002001	74.2	B	74.2	B	75.2	B	58.2	D
2531	31	SC 980890	71.9	B	57.4	D	61.5	C	62.0	C
2532	32	B 980582	77.1	B	65.7	C	83.2	A	54.9	D
2533	33	B 980696	86.5	A	39.9	F	85.2	A	40.6	E
2534	34	B 980954	71.6	B	75.7	B	75.6	B	58.2	D
2535	35	B 980416	76.7	B	69.9	C	71.2	B	60.0	C
2536	36	MD 71-5	75.9	B	47.9	E	64.0	C	72.1	B
2537	37	TX 00D1626	73.0	B	57.2	D	66.3	C	62.1	C

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). The information is held confidential until the certificate is issued (7 U.S.C. 2426).

EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP

1. NAME OF APPLICANT(S) University of Georgia Research Foundation, Inc. (UGARF) & Florida Agricultural Experiment Station (FAES)	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER GA931241E16	3. VARIETY NAME USG 3592
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country) Boyd Graduate Studies Rsch Center 6th Floor D.W. Brooks Drive Athens, GA 30602-7411	5. TELEPHONE (Include area code) (706) 542-5944	6. FAX (Include area code) (706) 542-3837
7. PVPO NUMBER 200400110		

8. Does the applicant own all rights to the variety? Mark an "X" in the appropriate block. If no, please explain. ☒ YES ☐ NO

9. Is the applicant (individual or company) a U.S. national or a U.S. based company? If no, give name of country. ☒ YES ☐ NO

10. Is the applicant the original owner? ☐ YES ☒ NO If no, please answer one of the following:

a. If the original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. National(s)?

☒ YES ☐ NO If no, give name of country

b. If the original rights to variety were owned by a company(ies), is (are) the original owner(s) a U.S. based company?

☐ YES ☐ NO If no, give name of country

11. Additional explanation on ownership (Trace ownership from original breeder to current owner. Use the reverse for extra space if needed):

PLEASE NOTE:

Plant variety protection can only be afforded to the owners (not licensees) who meet the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed the final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definitions.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 0.1 hour per response, including the time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, sexual orientation, marital or family status, political beliefs, parental status, or protected genetic information. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, D.C. 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

Exhibit E

11. Additional Explanation of Ownership

USG 3592

The variety for which plant variety protection is hereby sought is owned jointly by the University of Georgia Research Foundation, Inc. (UGARF) and the Florida Agricultural Experiment Stations, (FAES).

Ownership by UGARF in the variety for which plant variety protection is hereby sought is based on the Invention Administration Agreement of April 1, 1979, which was superseded by the Intellectual Property Administration Agreement of November 8, 1995, between UGARF and the Board of Regents of the University System of Georgia, in which the Board of Regents assigned to The University of Georgia Research Foundation, Inc. all rights in intellectual property developed or created by employees at The University of Georgia, one of the universities of the University System of Georgia. Rights of novel plant varieties developed at The University of Georgia, including 'USG 3592', are covered by said Administration Agreement. As employees of The University of Georgia, Jerry W. Johnson, Barry Cunfer, and G. David Buntin have assigned their rights in 'USG 3592' to UGARF.

Ron Barnett and Paul Pfahler are employees of the Florida Agricultural Experiment Stations, the University of Florida